

A B S T R A C T

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A flexible tube wherein a plurality of projections formed on an inner wall of the tube to extend axially in the tube are brought into engagement with recesses defined between these projections by a pressure applied 10 from outside to the tube, so that finally the tube interior is closed. Since the flexible tube is not required to be widthwise stretched in order to close the interior of the tube, it is superior in micro-flow controllability and durability can be used for a flow control device or 15 fluid feeder in a desirable manner.